PA-IDC

QUERY CONTROL FORM				RTIS USE ONLY	
Application No.	10/612,861	Prepared by	Lois Stone	Tracking Number	5898478
Examiner-GAU	Nguyen - 2832	Date	3/8/04	Week Date	8/2/04
		No. of queries	1	IFW	

JACKET			
a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

SPECIFICATION

a. Page Missing
b. Text Continuity
c. Holes through Data
d. Other Missing Text
e. Illegible Text
f. Duplicate Text
g. Brief Description
h. Sequence Listing
i. Appendix
j. Amendments
k. Other

CLAIMS

(a. Claim(s) Missing)
b. Improper Dependency
c. Duplicate Numbers
d. Incorrect Numbering
e. Index Disagrees
f. Punctuation
g. Amendments
h. Bracketing
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k. Other

MESSAGE

Claim 4 is missing from the file.
Please advise.

Thank you,

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RESPONSE

initials

E-5 (Rev. 10/01/02)

CLAIMS

What is claimed is:

1. A method for forming an electromagnetic assembly having improved damping characteristics, the method for use with a power source including positive and negative source busses and a load including positive and negative load busses, the method comprising the steps of:

providing a first toroidal core of magnetic material having at least first and second core sections, the first toroidal core forming a first surface;

winding a first winding about the first core section;

winding a second winding about the second core section;

linking opposite ends of the first winding to the positive source bus and the positive load bus;

linking opposite ends of the second winding to the negative source bus and the negative load bus such that common mode currents traveling from the source to the load cause currents in the first core that travel in the same direction; and

providing a second toroidal core forming a second surface and positioned relative to the first toroidal core and outside the windings such that the first and second surfaces form an air gap there between.

2. The method of claim 1 further including the step of securing the toroidal cores together.

3. The method of claim 2 wherein the step of securing includes epoxying the cores together.

5. The method of claim 3 further including the step of providing a spacer between the first and second cores prior to epoxying.

6. The method of claim 2 wherein the first toroidal core forms a space and wherein the step of securing further includes the step of filling the space with the epoxy.